

CLAIMS

1. A foundation framework for structures in a reinforced setting material, comprising:
  - a foundation raft, said foundation raft comprising a form having a plurality of modular panels, said modular panels including faces and peripheral plates, said faces forming at least one right-angle dihedral;
  - angular reinforcements for joining at least two faces of the at least one right-angle dihedral, said reinforcements having oblong orifices for resisting pressure exerted by the setting material;
  - layout and positioning template disposed on top of the form of the foundation raft for correctly dimensioning, positioning, and fitting walls, installations and reinforcements in the foundation raft;
  - adjustment legs for centering the layout and positioning template, wherein said adjustment legs protrude through openings in said peripheral plates;
  - self-centering clamps, wherein said self-centering clamps extend through oblong holes in external lateral plates on said modular panels to connect said modular parts to one another; and
  - a stabilizer having security pins and an anchorage means for securing the form to a support surface.
2. The foundation framework according to claim 1, wherein the layout and positioning template comprises a plurality of separate elements, said

elements having reinforced tie rods, wherein said tie rods facilitate alignment and transportation of elements to be positioned in the foundation raft.

3. The foundation framework according to claim 1, wherein said layout and positioning template includes an integrated centering device for accurate positioning of outlets for piping and drains in structures positioned in the foundation raft.

4. The foundation framework according to claim 3, wherein said foundation raft includes a mold for at least one sanitation chamber, wherein said mold for the at least one sanitation chamber is connected to said outlets via said piping and wherein said outlets for drains lead to positions outside the foundation raft.

5. The foundation framework according to claim 1, wherein the peripheral plates on the modular panels are inclined at selected angles to facilitate dismantling of the modular panels following pouring and setting of the setting material.

6. The foundation framework according to claim 1, wherein each of the self-centering clamps comprises a U-shaped element having two arms and a base, wherein a first one of said two arms is longer than a second one of said two arms, wherein said longer, first one of the two arms is bent at one end to be

parallel to the base of the U-shaped element, wherein a free end of the second one of the two arms is pointed for insertion into at least one centering orifice and at least one orifice in two adjoining peripheral plates, whereby said U-shaped element holds said plates together.

7. The foundation framework according to claim 1, wherein each of the self-centering clamps comprises two parts, wherein a first part is a U-shaped element and a second part is an angled element bent into right-angles to terminate in a point, wherein the U-shaped element holds the peripheral plates together and the angled element centers the plates.

8. The foundation framework according to claim 1, further comprising tapered wall separators inserted in circular recesses formed by four corners of adjoining modular panels, wherein said tapered wall separators comprise a tapered head with a double handle and a body comprising a shaft terminating in said tapered head, wherein said wall separators determine and define distances between the modular panels.

9. The foundation framework according to claim 1, and further comprising a separator mechanism for securing and defining a distance at a lower end of a frame for a door, wherein said separator mechanism includes securing plates on at least one end and a central spindle with at least two adjustment stops attached thereto for establishing an appropriate door

separation distance, wherein the separator is secured to the form by means of the self-centering clamps.

10. The foundation framework according to claim 1, further comprising a wall template, said wall template comprising a plurality of tubular elements transversely drilled with a plurality of orifices spaced at equal distance from one another, said wall template positioned and attached on top of a completed foundation raft by fitting said wall template into U-shaped stop parts secured to said foundation raft, said wall template adapted to precisely position and defined thicknesses of peripheral walls and partitions of a completed structure.

11. The foundation framework according to claim 1, further comprising modular covers joined to the modular panels by means of self-centering securing devices, wherein said modular covers comprise two adjoining halves, wherein each of said halves has a protruding prismatic box on a front face, wherein each of said halves has a shorter, oblique side complementing an oblique angle on the other half to facilitate dismantling of the modular cover following casting of the setting material.

12. The foundation framework according to claim 1, further comprising a set of elements comprising a group of at least two abutting covers for use in construction of continuous walls, wherein said covers are secured by means of self-centering clamps and right-angle brackets to modular panels forming a

peripheral wall, wherein a recess is formed between said at least two abutting covers, wherein a reticular reinforcement rod extends through and out of said recess for assembly of a further mold onto said assembled cover.

13. The foundation framework according to claim 1, further comprising a cover for a ceiling of a room being constructed in said framework, wherein said cover simultaneously comprises an intermediate slab between a lower floor and an upper floor, wherein reticular reinforcements are formed on top of templates provided on said support surface and wherein standby rods are joined to said reticular reinforcements at corresponding points indicated by the template for accurately positioning walls and internal partitions on the upper floor.